

executing an application program for obtaining information from an external application program to show the obtained information as an information object, comprising:

a unit for displaying, on a window displaying information controlled by an external application program, a transparent window through which contents of the information controlled by the external application program is seen, said transparent window having a position and size being a same position and a same size as said window;

an information storing unit storing contents and attribute information of an information object to be shown, the attribute information being concerned with showing the information object and including object ID, object type, information type, priority for showing, time stamp, object ID of link-destination object and object ID of a next object which are able to be modified after being created as an information object;

a drawing unit drawing the information object on said transparent window in accordance with the contents and attribute information relating to the display of the object stored in said information storing unit, the drawing unit changing a manner of drawing the information object on the basis of the attribute information;

an event analyzing unit analyzing all the events from and to an operation system and reporting a result of the analysis;

a message transmitting unit transmitting a control message to an external application program in order to get a selected information in the external application program; and

a performing unit performing at least any one of processes including a process of controlling said information storing unit, a process of controlling said message transmitting unit and a process of controlling said drawing unit, in accordance with the result of the analysis reported from said event analyzing unit,

wherein in case that any information in an external application program has been selected and an event for obtaining the selected information has been analyzed by said event

analyzing unit, the selected information is created as an information object so as to be shown on said transparent window by said drawing unit such that the information object appears different from any non-selected information in the external application program,

wherein when the position or the size of said window changes, said transparent window changes the position or the size thereof to be the same as that of said window.

17. (SEVEN TIMES AMENDED) A computer memory product storing a computer program for obtaining information from an external application program and showing the obtained information as an information object, said computer program comprising the steps of:

displaying, on a window displaying information controlled by an external application program, a transparent window through which contents of the information controlled by the external application program is seen, said transparent window having a position and size being a same position and a same size as said window;

analyzing an event for selecting information to be obtained from and to an external application program;

obtaining information from the external application program in accordance with the result of the analysis;

creating an information object in accordance with the obtained information and attribute information, the attribute information including object ID, object type, information type, priority for showing, time stamp, object ID of link-destination object and object ID of a next object, which are able to be modified after being created as an information object; and

showing the information object on said transparent window in accordance with information contents and attribute information relating to display of objects such that the information object appears different from any non-selected information in the external application program,

62 wherein when the position or the size of said window changes, said transparent window changes the position or the size thereof to be the same as that of said window.

21. (SIX TIMES AMENDED) A computer memory product having computer readable program code means capable of reading by a computer for obtaining information from an external application program and showing the obtained information as an information object, said computer readable program code means comprising:

63 program code means for causing the computer to display, on a window displaying information controlled by an external application program, a transparent window through which contents of the information controlled by the external application program is seen, said transparent window having a position and size being a same position and a same size as said window;

program code means for causing the computer to analyze an event for selecting information to be obtained from and to an external application program;

program code means for causing the computer to obtain information from the external application program in accordance with the result of the analysis;

program code means for causing the computer to create an information object in accordance with the obtained information and attribute information, the attribute information including object ID, object type, information type, priority for showing, time stamp, object ID of link-destination object and object ID of a next object, which are able to be modified after being created as an information object; and

program code means for causing the computer to display the information object on said transparent window in accordance with information contents and attribute information relating to display of objects such that the information object appears different from any non-selected information in the external application program,

G³ wherein when the position or the size of said window changes, said transparent window changes the position or the size thereof to be the same as that of said window.

25. (THREE TIMES AMENDED) A computer readable storage controlling a computer by:

displaying, on a window displaying information controlled by an external application program, a transparent window through which contents of the information controlled by the external application program is seen, said transparent window having a position and size being a same position and a same size as said window;

G⁴ analyzing an event for selecting information to be obtained from and to an external application program and obtaining information from the external application program in accordance with the result of the analysis;

creating an information object in accordance with the obtained information and attribute information, the attribute information including object ID, object type, information type, priority for showing, time stamp, object ID of link-destination object and object ID of a next object, which are able to be modified after being created as an information object; and

displaying the information object on said transparent window in accordance with information contents and attribute information relating to display of objects,

wherein when the position or the size of said window changes, said transparent window changes the position or the size thereof to be the same as that of said window.

26. (THREE TIMES AMENDED) A computer memory product having computer readable program code capable of reading by a computer for obtaining information from an external application program and showing the obtained information as an information object, said computer readable program code comprising:

code causing the computer to display, on a window displaying information controlled by an external application program, a transparent window through which contents of the information controlled by the external application program is seen, said transparent window having a position and size being a same position and a same size as said window;

code causing the computer to analyze an event for selecting information to be obtained from and to an external application program and to obtain information from the external application program in accordance with the result of the analysis;

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code causing the computer to create an information object in accordance with the obtained information and attribute information, the attribute information including object ID, object type, information type, priority for showing, time stamp, object ID of link-destination object and object ID of a next object, which are able to be modified after being created as an information object; and

code for causing the computer to display the information object on the transparent window in accordance with information contents and attribute information relating to display of objects.

wherein when the position or the size of said window changes, said transparent window changes the position or the size thereof to be the same as that of said window.

27. (TWICE AMENDED) An information fragments editing system for executing an application program for obtaining information from all external application program to show the obtained information as an information object, comprising:

a unit for displaying, on a window displaying information controlled by an external application program, a transparent window through which contents of the information controlled by the external application program is seen, said transparent window having a position and size being a same position and a same size as said window;

an information storing unit storing contents and attribute information of an information object to be shown;

a drawing unit drawing the information object on said transparent window in accordance with the contents and attribute information relating to the display of the object stored in said information storing unit, the drawing unit changing a manner of drawing the information object on the basis of the attribute information;

an event analyzing unit analyzing all the events from and to an operation system and reporting a result of the analysis;

64 a message transmitting unit transmitting a control message to an external application program in order to get a selected information in the external application program; and

a performing unit performing at least any one of processes including a process of controlling said information storing unit, a process of controlling said message transmitting unit and a process of controlling said drawing unit, in accordance with the result of the analysis reported from said event analyzing unit,

wherein in case that any information in an external application program has been selected and an event for obtaining the selected information has been analyzed by said event analyzing unit, the selected information is created as an information object so as to be shown on said transparent window by said drawing unit such that the information object appears different from any non-selected information in the external application program,

wherein when the position or the size of said window changes, said transparent window changes the position or the size thereof to be the same as that of said window.